

FEDERAL ITEM IDENTIFICATION GUIDE

CRANE AND CRANE-SHOVEL ATTACHMENTS

This Reprint replaces FIIG T341, dated June 9, 1989.



Commander

Defense Logistics Information Service

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

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c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode</u> <u>Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
BACKHOE, CRANE-SHOVEL	16744	AA
An apparatus consisting of a steel boom operated by cables, in a vertical arc, with a bucket on a swinging steel arm, attached at one end, the other end designed for attaching to a crane-shovel basic unit. The shovel digs by being pulled toward the basic unit and is emptied by being lifted and pulled away from the basic unit.		
BACKHOE-SHOVEL FRONT, CRANE-SHOVEL	06567	AB
An apparatus for attaching to the front of a crane-shovel basic unit, designed to be used as a shovel front or may be converted to a backhoe by reversing the working direction of the scoop.		
BOOM, CRANE	13030	CA
A metal structure, built as a single unit having a fixed length or composed of two or more units adjustable to various lengths, designed for attaching to a crane or crane-shovel basic unit, the top being fitted with one or more sheaves through which wire ropes are passed to raise or lower a hook, various types of buckets, grapples or other attachments in conjunction with the crane or crane-shovel basic unit when used in excavation or material handling operations.		
BOOM EXTENSION, MIDDLE, CRANE	06098	CB
A lattice-type metal structure with facilities designed for attaching to the center of a crane boom to increase its length.		
BOOM JIB, CRANE	06102	CC
A steel structure designed for attaching to the upper end of a crane boom, containing sheaves over which the lifting cables operate. Its primary function is to add to the stability and reach of the boom.		
BOOM JIB EXTENSION, MIDDLE, CRANE	06099	CB
BOOM, MINE DETECTOR	00223	CA
A projecting spar or outrigger-like structure which is used to suspend, position and/or support the detecting coils of a mine detector, may be adjustable		
BOOM SECTION, INNER, CRANE	60126	CB
The inner or base section of a BOOM, CRANE which is attached to the crane base, or turntable. The lower portion of a two-piece BOOM, CRANE.		

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
BOOM SECTION, OUTER, CRANE	60127	CB

The outer or top section of a BOOM, CRANE which may be fitted with one or more sheaves through which wire ropes are passed to raise or lower a hook, various types of buckets, grapples, or other attachments. The upper portion of a two-piece BOOM, CRANE.

BUCKET, CLAMSHELL	05712	BA
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An apparatus consisting of two scoop-shaped metal structures, hinged together at their sides in such a manner as to form a bucket when the two pieces meet. It has an arm attached at each corner, a sheave and other necessary equipment for opening and closing the two pieces, and for attaching to the end of a cable, operated by a crane or crane-shovel for material handling, excavating and dredging operations.

BUCKET CONCRETE	05500	BB
-----------------	-------	----

A metal receptacle having a discharge gate and facilities for attaching to the lifting cable of a crane-shovel for carrying and placing concrete.

BUCKET, DRAGLINE	19971	BC
------------------	-------	----

A metal vessel in the form of a scoop and suspended from a crane boom by wire rope. The bucket loads itself by being pulled toward the crane unit and is emptied by a tilting action, the long crane boom affording a wide digging and dumping radius. It is commonly used for excavating and dredging operations at a considerable distance from the crane, such as widening streams and rivers, building levees, and excavating ditches.

BUCKET, ORANGE-PEEL	05714	BA
---------------------	-------	----

An apparatus consisting of three or four pointed, semiround and curved blades hinged at the top in such a manner as to form a bucket when the bottoms of the blades meet. It has an arm attached to top of each blade, a sheave and other necessary equipment for opening and closing the blades and attaching to the end of a cable, operated by a crane or crane-shovel, for handling material.

DIPPER, BACKHOE	29224	BA
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An apparatus formed of heavy metal in the shape of a rectangular scoop, fitted with teeth at the front lower lip and equipped for attachment to the swinging arm of a backhoe or a backhoe, shovel-front. It is used for moving material from a level equal to, or lower than the digging apparatus to a higher level during excavating and loading operations.

DIPPER, SHOVEL	05715	BA
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An apparatus formed of heavy metal in the shape of a rectangular scoop fitted with teeth at the front lower lip, a hinged door at the back, and generally equipped with all necessary fittings for attaching to the dipper stick of a power shovel. It is used for moving material from a level approximately the same as the shovel crawlers or wheels to a higher level for loading and excavating operations.

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
FAIRLEAD, ROLLER AND SHEAVE	11559	DA
An item consisting of a framework with rollers (exclude flanged) and sheaves so arranged as to provide space between the rollers through which the lines from the sheaves are passed. It is usually used on heavy construction equipment, such as crane-shovels, pile drivers, logging arches and the like, or on pontoon barges, the rollers providing extra protection from chafing when oblique pull may occur, and sheaves act as a guide for lines.		
FAIRLEAD, SHEAVE	11558	DB
An item consisting of a framework with a grooved wheel or wheels, including flat surfaced wheels with flanges, fitted therein, so mounted as to provide an opening through which lines are passed. It is used to provide protection from chafing when oblique pull may occur, and/or to change direction of lines.		
GRAPPLE, SCRAP HANDLING	05717	BA
An apparatus consisting of four curved, semiround tines pointed at their lower ends, hinged together on top. It has an arm attached to top of each tine, a sheave and other necessary equipment for opening and closing the tines and attaching to the end of a cable, operated by a crane or crane-shovel, for lowering into scrap piles, grabbing, elevating, and moving the scrap. Excludes BUCKET, ORANGE-PEEL.		
LEAD, PILE DRIVER	06104	EA
Two upright, structural members supported by a lattice type framework usually fabricated in one or more sections and used as a guide for driving piling.		
LEAD SECTION, LOWER, PILE DRIVER	06100	CB
LEAD SECTION, TOP, PILE DRIVER	06101	CB
SHOVEL FRONT, CRANE-SHOVEL	06568	AB
An apparatus consisting of a steel boom operated in a vertical arc, designed for attaching to a crane-shovel basic unit. The boom has a dipper stick having a shovel affixed at one end and is constructed in such a manner as to permit its being moved either up or down and in a vertical arc. The shovel digs by being pulled away from the basic unit and is emptied by being lifted and opening a door at the rear thereof.		
TAGLINE, CRANE AND CRANE-SHOVEL	06334	DC
A mechanism consisting primarily of a heavy weight with a sheave at one end, together with tracks on which the weight rides, for attaching inside a crane boom, or a mechanism consisting of a spring actuated wheel attached to one or two tubular axles having two sheaves affixed thereto, for attaching to a crane boom. It is used to steady clamshell buckets, lifting magnets, and the like.		

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APPLICABILITY KEY INDEX

	<u>AA</u>	<u>AB</u>
NAME	X	X
ASZC		X
ATXP	X	X
ATXQ	X	X
ASZE	AR	AR
ASZF	AR	AR
ATXR	X	X
ALBY	X	X
AHZK	AR	AR
AMSA	AR	AR
AQGB	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AWJN	AR	AR
SUPP	AR	AR
ZZZV	AR	AR

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	<u>BA</u>	<u>BB</u>	<u>BC</u>
NAME	X	X	X
SHPE		X	
ARML			X
ASZG	AR		
AFPY	X	X	X
AERQ		X	
AJMF		X	
ACGC	X		X
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AWJN	AR	AR	AR
SUPP	AR	AR	AR
ZZZV	AR	AR	AR

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	<u>CA</u>	<u>CB</u>	<u>CC</u>
NAME	X	X	X
ASZH	X		X
ATXS	AR		AR
ABHP	X	X	X
ASZJ	X		
ASZK		X	X
SHPE			X
AKYN	AR		
ATXQ	AR		AR
ASZE	AR		AR
ASZF	AR		AR
ATXR	AR		AR
ALBY	X	X	X
AHZK	AR	AR	AR
AMSA	AR	AR	AR
AQGB	AR	AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AWJN	AR	AR	AR
SUPP	AR	AR	AR
ZZZV	AR	AR	AR

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	<u>DA</u>	<u>DB</u>	<u>DC</u>
NAME	X	X	X
APGF	X	X	X
ALMS	AR	AR	AR
AGCG	AR	AR	AR
APPF	AR	AR	AR
AAFS		AR	
ATBF		AR	
ATBG		AR	
AHNM	X		
ADNM	X	X	
ATXQ			AR
ASZE			AR
ASZF			AR
ATXR			X
ATBH	X		
AGXD	X		
ATBJ	X		
ATBK	X		
AMCQ	X	X	
AMRR	X	X	
ACGC	X	X	
ATBL	X	X	
ACSK	X		
AFTB	AR		
ABKW	X		
AGNF	X		
ACUU	X		
AGTW	X		
ABTJ	AR	AR	
ABTB	AR	AR	
ALBY	X	X	X
AHZK	AR	AR	AR
AMSA	AR	AR	AR
AQGB	AR	AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AWJN	AR	AR	AR
SUPP	AR	AR	AR
ZZZV	AR	AR	AR

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	<u>EA</u>
NAME	X
MATL	X
AMQY	X
ATBM	X
ATBP	X
ATBQ	X
ABHP	X
AAPN	X
ATBR	X
ALBY	X
AHZK	AR
AMSA	AR
AQGB	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZV	AR

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Body

SECTION: A

APP

Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06568*)

AB

ASZC	D	CROWD CONTROL METHOD
------	---	----------------------

Definition: THE MEANS BY WHICH THE CROWD IS CONTROLLED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASZCDAD*)

<u>REPLY CODE</u>	<u>REPLY (AB37)</u>
A	ANY ACCEPTABLE
AD	CHAIN
AH	WIRE ROPE

ALL

ATXP	J	DIPPER CUBIC CAPACITY
------	---	-----------------------

Definition: A MEASUREMENT OF THE INTERNAL CAPACITY OF THE DIPPER TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE DEPTH AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATXPJH0.750*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
E	CUBIC METERS
H	CUBIC YARDS

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Section Parts

APP									
Key	MRC		Mode Code						Requirements

ALL

ATXQ J BASIC UNIT LIFTING CAPACITY

Definition: THE WEIGHT THAT THE BASIC UNIT IS DESIGNED TO LIFT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATXQJBXA20.000*;
ATXQJBYB20.000\$JBYC20.500*)

Table 1

REPLY CODE

BX

BY

REPLY (AG67)

METRIC TONS

TONS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

NOTE FOR MRCS ASZE AND ASZF: IF A REPLY IS ENTERED FOR MRC ATXQ, REPLY TO MRCS ASZE AND ASZF.

ALL*

ASZE J BOOM LENGTH AT WHICH RATED

Definition: THE ACTUAL MEASUREMENT OF THE LONGEST DIMENSION OF THE BOOM AT WHICH THE LOAD RATING IS TAKEN, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASZEJFA25.000*;
ASZEJFB25.000\$JFC25.125*)

Table 1

REPLY CODE

F

M

REPLY (AA05)

FEET

METERS

Table 2

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Section Parts

APP Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL* (See Note Preceding MRC ASZE)

ASZF J BOOM RADIUS AT WHICH RATED

Definition: THE ACTUAL RADIUS OF SWING AT WHICH THE BOOM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASZFJFA10.000*; ASZFJMA10.0*; ASZFJFB10.000\$JFC10.125*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
F	FEET
M	METERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ATXR J BASIC UNIT CUBIC CAPACITY

Definition: A MEASUREMENT OF THE INTERNAL CAPACITY OF THE BASIC UNIT TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE DEPTH AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATXRJH0.500*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
E	CUBIC METERS
H	CUBIC YARDS

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			

ALL

ALBY D USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDADZ*)

<u>REPLY CODE</u>	<u>REPLY (AH21)</u>
AAH	GENERAL
ADZ	SPECIFIC

NOTE FOR MRCS AHZK, AMSA, AND AQGB: IF REPLY CODE ADZ IS ENTERED FOR MRC ALBY, REPLY TO THESE MRCS.

ALL* (See Note Above)

AHZK A END ITEM NAME

Definition: THE APPROVED ITEM NAME OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instruction: Enter the name.

(e.g., AHZKACRANE-SHOVEL BASIC UNIT, CRAWLER MOUNTED*)

ALL* (See Note Preceding MRC AHZK)

AMSA G CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., AMSAGBUCYRUS-ERIE CO*)

ALL* (See Note Preceding MRC AHZK)

AQGB A MANUFACTURER IDENTIFYING NUMBER

Definition: THE NUMBER USED BY THE MANUFACTURER FOR IDENTIFYING THE ITEM.

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

Reply Instructions: Enter the number. (e.g., AQGBAMODEL NO. 25*)

FIIG T
Section Parts

SECTION: B

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05712*)

BB

SHPE	D	SHAPE
------	---	-------

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDRT*)

REPLY CODE

Z
AN
RT
RD

REPLY (AD07)

ANY ACCEPTABLE
CYLINDRICAL
RECTANGULAR
ROUND

BC

ARML	D	PERFORATION FEATURE
------	---	---------------------

Definition: AN INDICATION OF WHETHER OR NOT A PERFORATION FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARMLDB*)

REPLY CODE

B
C

REPLY (AA49)

INCLUDED
NOT INCLUDED

BA*

ASZG	J	PROTRUSION TYPE AND QUANTITY
------	---	------------------------------

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

Definition: INDICATES THE TYPE AND NUMBER OF PROTRUSIONS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., ASZGJAAB4*)

<u>REPLY CODE</u>	<u>REPLY (AJ54)</u>
AAB	BLADE
AAL	TEETH
AAK	TINE

ALL

AFPY	J								CUBIC CAPACITY
------	---	--	--	--	--	--	--	--	----------------

Definition: A MEASUREMENT OF THE INTERNAL CAPACITY OF AN ITEM TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE DEPTH AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFPYJE0.500*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
E	CUBIC METERS
H	CUBIC YARDS

BB

AERQ	D								DOOR TYPE
------	---	--	--	--	--	--	--	--	-----------

Definition: INDICATES THE TYPE OF DOOR FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AERQDAH*)

<u>REPLY CODE</u>	<u>REPLY (AD27)</u>
A	ANY ACCEPTABLE
AH	DOUBLE CLAM
AG	ROLLER

BB

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	AJMF	D	DISCHARGE DIRECTION
Definition: THE DIRECTION IN WHICH THE ITEM DISCHARGES DURING OPERATION.			
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJMFDB*; AJMFDB\$DAAR*)			
		<u>REPLY CODE</u>	<u>REPLY (AC60)</u>
		F	ANGULAR (diagonal)
		B	HORIZONTAL
		AAR	VERTICAL

BA, BC

ACGC J WIRE ROPE ACCOMMODATED DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATION FOR WHICH THE WIRE ROPE IS DESIGNED, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACGCJA0.750*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

FIIG T
Section Parts

SECTION: C

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED13030*)

CA, CC

ASZH	D	BOOM DESIGN
------	---	-------------

Definition: THE DESIGN OF THE BOOM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASZHDAC*)

<u>REPLY CODE</u>	<u>REPLY (AH47)</u>
A	ANY ACCEPTABLE
AB	COLLAPSIBLE
AC	RIGID (stationary)
AD	TELESCOPING

NOTE FOR MRC ATXS: IF REPLY CODE AD IS ENTERED FOR MRC ASZH, REPLY TO MRC ATXS.

CA*, CC* (See Note Above)

ATXS	J	RETRACTED LENGTH
------	---	------------------

Definition: THE MEASUREMENT OF THE LONGEST DIMENSION OF THE ITEM WHEN RETRACTED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATXSJFA15.000*; ATXSJMA15.0*; ATXSJFB15.000\$\$JFC15.125*)

<u>Table 1</u>	<u>REPLY (AA05)</u>
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
F	FEET
M	METERS

FIIG T
Section Parts

APP	Key	MRC	Mode Code	Requirements
-----	-----	-----	-----------	--------------

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL

ABHP	J	OVERALL LENGTH
------	---	----------------

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. If the item is telescopic, give fully extended length. (e.g., ABHPJFA30.000*; ABHPJMA30.0*; ABHPJFB30.000\$JFC30.125*)

Table 1

REPLY CODE

F

M

REPLY (AA05)

FEET

METERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

CA

ASZJ	D	MIDDLE BOOM EXTENSION ACCOMMODATION
------	---	--

Definition: AN INDICATION OF WHETHER OR NOT AN ACCOMMODATION FOR A MIDDLE BOOM EXTENSION IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASZJDB*)

REPLY CODE

B

C

REPLY (AA49)

INCLUDED

NOT INCLUDED

FIIG T
Section Parts

APP									
Key	MRC		Mode Code						Requirements

CB, CC

ASZK D END COUPLING TYPE

Definition: INDICATES THE TYPE OF END COUPLING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASZKDAG*)

<u>REPLY CODE</u>	<u>REPLY (AH98)</u>
A	ANY ACCEPTABLE
AF	BUTT
AD	FLANGE
AG	PIN

CC

SHPE D SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDBK*)

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
Z	ANY ACCEPTABLE
LD	GOOSENECK
BK	STRAIGHT

CA*

AKYN G FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the reply in clear text. (e.g., AKYNGCRANE HOOK 1*)

Separate multiple replies with a semicolon. (e.g., AKYNGCRANE HOOK 1; TAGLINE 1*)

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

CA*, CC*

ATXQ J BASIC UNIT LIFTING CAPACITY

Definition: THE WEIGHT THAT THE BASIC UNIT IS DESIGNED TO LIFT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATXQJBXA7.000*; ATXQJBYB7.000\$\$JBYC7.125*)

Table 1

REPLY CODE

BX

BY

REPLY (AG67)

METRIC TONS

TONS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

NOTE FOR MRCS ASZE AND ASZF: IF A REPLY IS ENTERED FOR MRC ATXQ, REPLY TO MRCS ASZE AND ASZF.

CA*, CC* (See Note Above)

ASZE J BOOM LENGTH AT WHICH RATED

Definition: THE ACTUAL MEASUREMENT OF THE LONGEST DIMENSION OF THE BOOM AT WHICH THE LOAD RATING IS TAKEN, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASZEJFA25.000*; ASZEJMA25.0*; ASZEJFB25.000\$\$JFC25.125*)

Table 1

REPLY CODE

F

M

REPLY (AA05)

FEET

METERS

Table 2

REPLY CODE

A

B

REPLY (AC20)

NOMINAL

MINIMUM

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

CA*, CC* (See Note Preceding MRC ASZE)

ASZF J BOOM RADIUS AT WHICH RATED

Definition: THE ACTUAL RADIUS OF SWING AT WHICH THE BOOM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASZFJFA10.000*; ASZFJMA10.0*; ASZFJFB10.000\$JFC10.125*)

Table 1

REPLY CODE

F
M

REPLY (AA05)

FEET
METERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

CA*, CC*

ATXR J BASIC UNIT CUBIC CAPACITY

Definition: A MEASUREMENT OF THE INTERNAL CAPACITY OF THE BASIC UNIT TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE DEPTH AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATXRJH0.750*)

REPLY CODE

E
H

REPLY (AD42)

CUBIC METERS
CUBIC YARDS

ALL

ALBY D USAGE DESIGN

FIIG T
Section Parts

APP										
Key	MRC		Mode Code							Requirements

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDAAH*)

<u>REPLY CODE</u>	<u>REPLY (AH21)</u>
AAH	GENERAL
ADZ	SPECIFIC

NOTE FOR MRCS AHZK, AMSA, AND AQGB: IF REPLY CODE ADZ IS ENTERED FOR MRC ALBY, REPLY TO THESE MRCS.

ALL* (See Note Above)

AHZK A END ITEM NAME

Definition: THE APPROVED ITEM NAME OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the name.

(e.g., AHZKACRANE-SHOVEL BASIC UNIT, CRAWLER MOUNTED*)

ALL* (See Note Preceding MRC AHZK)

AMSA G CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., AMSAGBUCYRUS-ERIE CO*)

ALL* (See Note Preceding MRC AHZK)

AQGB A MANUFACTURER IDENTIFYING NUMBER

Definition: THE NUMBER USED BY THE MANUFACTURER FOR IDENTIFYING THE ITEM.

Reply Instructions: Enter the number. (e.g., AQGBAMODEL NO. 25*; AQGBAMODEL NO. 25\$AMODEL NO. 26*)

SECTION: D

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED11558*)

ALL

APGF	D	DESIGN TYPE
------	---	-------------

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAFH*; APGFDAFJ\$DAFK*)

<u>REPLY CODE</u>	<u>REPLY (AK54)</u>
A	ANY ACCEPTABLE
AFF	REVOLVING
AFG	RIGID
AFK	SPRING
AFH	SWINGING
AFJ	TRACK-RIDING

NOTE FOR MRCS ALMS, AGCG, AND APPF: IF REPLY CODE AFH IS ENTERED FOR MRC APGF, REPLY TO MRC ALMS. IF REPLY CODE AFK IS ENTERED FOR MRC APGF, REPLY TO MRCS AGCG AND APPF.

ALL* (See Note Above)

ALMS	A	SWING ANGLE IN DEG
------	---	--------------------

Definition: THE SWING ANGLE OF THE ITEM, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., ALMSA180*)

ALL* (See Note Preceding MRC ALMS)

AGCG	J	REACH MAXIMUM LENGTH (pay-out)
------	---	--------------------------------

FIIG T
Section Parts

APP										
Key	MRC		Mode Code							Requirements

Definition: A MEASUREMENT OF THE MAXIMUM LENGTH THE ITEM IS CAPABLE OF REACHING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AGCGJF50.000*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
F	FEET
M	METERS

ALL* (See Note Preceding MRC ALMS)

APPF	D	CABLE
------	---	-------

Definition: AN INDICATION OF WHETHER OR NOT A CABLE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APPFDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

DB*

AAFS	D	APPLICATION DESIGN
------	---	--------------------

Definition: THE PRIMARY APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAFSDCC*)

<u>REPLY CODE</u>	<u>REPLY (AA25)</u>
CC	CARGO BOOM
CD	CRANE BOOM

NOTE FOR MRCS ATBF AND ATBG: IF REPLY CODE CC IS ENTERED FOR MRC AAFS, REPLY TO MRCS ATBF AND ATBG.

DB* (See Note Above)

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

ATBF

J

CARGO BOOM DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE CARGO BOOM, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATBFJAA7.500*; ATBFJLA7.5*; ATBFJAB7.000\$JAC7.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

DB* (See Note Preceding MRC ATBF)

ATBG

D

CARGO BOOM SHEAVE ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE CARGO BOOM HEAVE IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATBGDA*)

REPLY CODE

A

C

REPLY (AB00)

ADJUSTABLE

NONADJUSTABLE

DA

AHNM

A

LINE QUANTITY ACCOMMODATED

Definition: THE NUMBER OF LINES THAT THE ITEM IS DESIGNED TO ACCOMMODATE.

FIIG T
Section Parts

APP	MRC	Mode Code	Requirements
Key			

Reply Instructions: Enter the quantity. (e.g., AHNMA1*)

DA, DB

ADNM D FRAME MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE FRAME IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., ADNMDST0000*; ADNMDST8770\$DST8772*; ADNMDST8770\$\$DST8772*)

DC*

ATXQ J BASIC UNIT LIFTING CAPACITY

Definition: THE WEIGHT THAT THE BASIC UNIT IS DESIGNED TO LIFT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ATXQJBXA30.000*; ATXQJBYB30.000\$\$JBYC31.000*)

Table 1

REPLY CODE

BX

BY

REPLY (AG67)

METRIC TONS

TONS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

NOTE FOR MRCS ASZE AND ASZF: IF A REPLY IS ENTERED FOR MRC ATXQ, REPLY TO MRCS ASZE AND ASZF.

DC* (See Note Above)

ASZE J BOOM LENGTH AT WHICH RATED

Definition: THE ACTUAL MEASUREMENT OF THE LONGEST DIMENSION OF THE BOOM AT WHICH THE LOAD RATING IS TAKEN, IN DISTINCTION FROM WIDTH.

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASZEJFA25.000*; ASZEJMA25.0*; ASZEJFB25.000\$\$JFC25.125*)

Table 1

REPLY CODE

F

M

REPLY (AA05)

FEET

METERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

DC* (See Note Preceding MRC ASZE)

ASZF

J

BOOM RADIUS AT WHICH RATED

Definition: THE ACTUAL RADIUS OF SWING AT WHICH THE BOOM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASZFJFA10.000*; ASZFJMA10.0*; ASZFJFB10.000\$\$JFC10.125*)

Table 1

REPLY CODE

F

M

REPLY (AA05)

FEET

METERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

DC

ATXR

J

BASIC UNIT CUBIC CAPACITY

FIIG T
Section Parts

APP
Key

MRC

Mode Code

Requirements

Definition: A MEASUREMENT OF THE INTERNAL CAPACITY OF THE BASIC UNIT TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE DEPTH AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATXRJH0.750*)

REPLY CODE

E
H

REPLY (AD42)

CUBIC METERS
CUBIC YARDS

DA

ATBH

A

ROLLER QUANTITY

Definition: THE NUMBER OF ROLLERS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ATBHA2*)

For multiple replies, use AND/OR (\$\$/ \$) Coding. (e.g., ATBHA1\$A2)*

NOTE FOR MRCS AGXD, ATBJ, AND ATBK: FOR MULTIPLE REPLIES USE AND/OR (\$\$/ \$) CODING ENTERING IN THE SAME SEQUENCE AS MRC ATBH USE AND (\$\$/ \$) CODING TO ENTER TOLERANCE VALUES AS APPLICABLE FOR MRC AGXD.

DA

AGXD

J

ROLLER OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A ROLLER, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGXDJAA4.500; AGXDJLA4.5*; AGXDJAA4.750*; AGXDJAB5.000\$\$JAC5.125*)*

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
<hr/>			
		<u>Table 1</u>	
		<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
		A	INCHES
		L	MILLIMETERS
		<u>Table 2</u>	
		<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

DA (See Note Preceding MRC AGXD)

ATBJ D ROLLER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ROLLER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., ATBJDST0000; ATBJDST0000\$DFE0000*; ATBJDST0000\$DFE0000*;*

ATBJDST0000\$DFE0000; ATBJDFE0000\$DST0000*)*

DA (See Note Preceding MRC AGXD)

ATBK D ROLLER MOUNTING POSITION

Definition: THE MOUNTING POSITION OF THE ROLLER.

Reply Instructions: Enter the applicable Reply Code from the table below. Give mounting position when fairlead is in working position. (e.g., ATBKDD; ATBKDB\$DD*; ATBKDB\$DD*)*

<u>REPLY CODE</u>	<u>REPLY (AC60)</u>
B	HORIZONTAL
D	VERTICAL

FIIG T
Section Parts

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	<i>INCHES</i>
L	<i>MILLIMETERS</i>

<u>Table 3</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

DA, DB (See Note Preceding MRC AMRR)

ACGC J WIRE ROPE ACCOMMODATED DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATION FOR WHICH THE WIRE ROPE IS DESIGNED, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the I/SAC from Table 1 below, followed by the Mode Code, and the applicable Reply Code from the Table 2 below, followed by the numeric value. (e.g., ACGC1GJA0.625; ACGC1HJL0.6*; ACGC1AJA0.625*; ACGC1BJA0.750*)*

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (0054)</u>
1G	ALL GROUPS
1H	SINGLE GROUP
1A	1ST GROUP
1B	2ND GROUP
1C	3RD GROUP
1D	4TH GROUP

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	<i>INCHES</i>
L	<i>MILLIMETERS</i>

DA, DB (See Note Preceding MRC AMRR)

ATBL D SHEAVE MOUNTING POSITION

Definition: AN INDICATION OF THE MOUNTING POSITION OF THE SHEAVE.

FIIG T
Section Parts

Reply Instructions: Enter the I/SAC from Table 1 below, followed by the Mode Code and the applicable Reply Code from the Table 2 below. Give mounting position when fairlead is in working position. (e.g., ATBL1HDD; ATBL1ADB*; ATBL1BDD*)*

Table 1

REPLY CODE

1G

1H

1A

1B

1C

1D

REPLY (0054)

ALL GROUPS

SINGLE GROUP

1ST GROUP

2ND GROUP

3RD GROUP

4TH GROUP

Table 2

REPLY CODE

B

D

REPLY (AC60)

HORIZONTAL

VERTICAL

DA

ACSK D BEARING TYPE

Definition: INDICATES THE TYPE OF BEARINGS FURNISHED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACSKDF*)

REPLY CODE

F

D

C

REPLY (AB81)

BALL

ROLLER

SLEEVE

NOTE FOR MRC AFTB: IF REPLY CODE C IS ENTERED FOR MRC ACSK, REPLY TO MRC AFTB.

DA* (See Note Above)

AFTB D SLEEVE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SLEEVE IS FABRICATED.

FIIG T
Section Parts

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AFTBDBN0000*; AFTBDBR0000\$DBN0000*; AFTBDBR0000\$\$DBN0000*)

DA

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA12.125*; ABKWJLA12.5*; ABKWJAB12.125\$\$JAC12.250*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

DA

AGNF J BASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGNFJAA10.250*; AGNFJLA10.5*; AGNFJAB10.250\$\$JAC10.375*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

FIIG T
Section Parts

DA

ACUU J BASE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BASE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACUUA7.375*; ACUJLA7.5*; ACUJAB7.375\$JAC7.500*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

DA

AGTW J CABLE OPENING DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE CABLE OPENING, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGTWJAA0.750*; AGTWJLA0.8*; AGTWJAB0.750\$JAC0.875*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

DA, DB**

FIIG T
Section Parts

ABTJ A MOUNTING HOLE QUANTITY

Definition: THE NUMBER OF MOUNTING HOLES PROVIDED.

Reply Instructions: Enter the I/SAC from the table below, followed by the Mode Code and the quantity. (e.g., ABTJ1H2; ABTJ1AA2*; ABTJ1BA4*)*

<u>REPLY CODE</u>	<u>REPLY (0054)</u>
1G	ALL GROUPS
1H	SINGLE GROUP
1A	1ST GROUP
1B	2ND GROUP
1C	3RD GROUP
1D	4TH GROUP

NOTE FOR MRC ABTB: IF A REPLY IS ENTERED FOR MRC ABTJ, REPLY TO MRC ABTB. FOR MULTIPLE REPLIES, USE ISAC CODING ENTERING IN THE SAME SEQUENCE AS MRC ABTJ.

DA*, DB* (See Note Above)

ABTB J MOUNTING HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A MOUNTING HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the I/SAC from Table 1 below, followed by the Mode Code and the applicable Reply Codes from Tables 2 and 3 below, followed by the numeric value. (e.g., ABTB1GJAA0.375; ABTB1HLA0.3*; ABTB1AJAA0.500*; ABTB1BJAB0.500\$\$JAC0.750*)*

Table 1

<u>REPLY CODE</u>
1G
1H
1A
1B
1C
1D

<u>REPLY (0054)</u>
ALL GROUPS
SINGLE GROUP
1ST GROUP
2ND GROUP
3RD GROUP
4TH GROUP

Table 2

<u>REPLY CODE</u>
A

<u>REPLY (AA05)</u>
INCHES

FIIG T
Section Parts

L

MILLIMETERS

Table 3

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ALL

ALBY D USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDAAH*)

REPLY CODE

AAH

ADZ

REPLY (AH21)

GENERAL

SPECIFIC

NOTE FOR MRCS AHZK, AMSA, AND AQGB: IF REPLY CODE ADZ IS ENTERED FOR MRC ALBY, REPLY TO THESE MRCS.

ALL* (See Note Above)

AHZK A END ITEM NAME

Definition: THE APPROVED ITEM NAME OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the name.

(e.g., AHZKACRANE-SHOVEL BASIC UNIT, CRAWLER MOUNTED*)

ALL* (See Note Preceding MRC AHZK)

AMSA G CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., AMSAGBUCYRUS-ERIE CO*)

FIIG T
Section Parts

ALL* (See Note Preceding MRC AHZK)

AQGB A MANUFACTURER IDENTIFYING NUMBER

Definition: THE NUMBER USED BY THE MANUFACTURER FOR IDENTIFYING
THE ITEM.

Reply Instructions: Enter the number. (e.g., AQGBAMODEL NO. 25*)

FIIG T
Section Parts

SECTION: E

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06104*)

ALL

MATL	D	MATERIAL
------	---	----------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., MATLDST0000*; MATLDFEC000\$DST0000*; MATLDFEC000\$\$DST0000*)

ALL

AMQY	D	INSTALLATION DESIGN
------	---	---------------------

Definition: THE INSTALLATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMQYDBF*; AMQYDBE\$DBF*)

<u>REPLY CODE</u>	<u>REPLY (AJ17)</u>
BD	BARGE
BE	CRANE
BF	CRANE-SHOVEL
BG	SKID

ALL

ATBM	D	PENDULUM FEATURE
------	---	------------------

Definition: AN INDICATION OF WHETHER OR NOT A PENDULUM FEATURE IS INCLUDED.

FIIG T
Section Parts

APP	MRC	Mode Code	Requirements
Key			

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATBMDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

ALL

ATBP J DISTANCE BETWEEN GUIDES

Definition: THE DISTANCE BETWEEN GUIDES ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATBPJA19.500*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

ALL

ATBQ J GUIDE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE GUIDE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ATBQJA8.250*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

ALL

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

FIIG T
Section Parts

APP	Key	MRC	Mode Code	Requirements
-----	-----	-----	-----------	--------------

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJFA45.000*; ABHPJFB45.000\$\$JFC45.500*)

Table 1

REPLY CODE

F
M

REPLY (AA05)

FEET
METERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

ALL

AAPN	A	SECTION QUANTITY
------	---	------------------

Definition: THE NUMBER OF INDIVIDUAL ELEMENTS.

Reply Instructions: Enter the quantity. Give total number of sections comprising complete lead. (e.g., AAPNA2*)

ALL

ATBR	G	SECTION CHARACTERISTIC
------	---	------------------------

Definition: AN INDICATION OF THE CHARACTERISTIC(S) OF THE SECTION(S).

Reply Instructions: Enter the reply in clear text. Separate sections with a semicolon. (e.g., ATBRG1 TOP 7 FT; 2 CTR 10 FT; 1 CTR 8 FT; 1 LOWER 5 FT*)

ALL

ALBY	D	USAGE DESIGN
------	---	--------------

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALBYDAAH*; ALBYDAAH\$DADZ*)

REPLY CODE

AAH

REPLY (AH21)

GENERAL

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	ADZ		SPECIFIC

NOTE FOR MRCS AHZK, AMSA, AND AQGB: IF REPLY CODE ADZ IS ENTERED FOR MRC ALBY, REPLY TO THESE MRCS.

ALL* (See Note Above)

AHZK A END ITEM NAME

Definition: THE APPROVED ITEM NAME OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the name.

(e.g., AHZKACRANE-SHOVEL BASIC UNIT, CRAWLER MOUNTED*)

ALL* (See Note Preceding MRC AHZK)

AMSA G CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE ITEM.

Reply Instructions: Enter the reply in clear text.

(e.g., AMSAGBUCYRUS-ERIE CO*)

ALL* (See Note Preceding MRC AHZK)

AQGB A MANUFACTURER IDENTIFYING NUMBER

Definition: THE NUMBER USED BY THE MANUFACTURER FOR IDENTIFYING THE ITEM.

Reply Instructions: Enter the number. (e.g., AQGBAMODEL NO. 25*)

SECTION: STANDARD

APP

Key MRC Mode Code Requirements

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321\$\$JB5556A-663654*;

TESTJAA2345-654321\$JB55566-663654*)

REPLY
CODE

REPLY (AC28)

- | | |
|---|--|
| A | SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.) |
| B | STANDARD (Includes industry or association standards, individual manufacturer standards, etc.) |

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
--	--	---	---

ALL*

SPCL	G	SPECIAL TEST FEATURES	
------	---	-----------------------	--

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK	J	SPECIFICATION/STANDARD DATA	
------	---	-----------------------------	--

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

FIIG T
Section Parts

APP

Key MRC Mode Code Requirements

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$JSTA*; ZZZTJTY1\$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

ALL*

ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
------	---	---------------------------------

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
------	---	--

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL	A	CRITICALITY CODE JUSTIFICATION
------	---	--------------------------------

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$\$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

PRPY	A	PROPRIETARY CHARACTERISTICS
------	---	-----------------------------

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$ASURF*)

ALL*

ELRN	G	EXTRA LONG REFERENCE NUMBER
------	---	-----------------------------

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION
------	---	---------------------------------------

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY
CODE

REPLY (AN58)

FIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

AFJK	J	CUBIC MEASURE
------	---	---------------

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

AWJN	J	UNPACKAGED UNIT WEIGHT
------	---	------------------------

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS1.500*)

<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
BA	GRAMS
AJ	KILOGRAMS
AS	POUNDS

ALL

SUPP	G	SUPPLEMENTARY FEATURES
------	---	------------------------

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

ALL

ZZZV	G	FSC APPLICATION DATA
------	---	----------------------

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

FIG T
Section Parts

FIG T
Section Parts

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Reply Tables

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Table 1 - MATERIALS
MATERIALS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
A	ANY ACCEPTABLE
BR0000	BRASS
BN0000	BRONZE
FE0000	IRON
FEA000	IRON, CAST
FEC000	IRON, MALLEABLE
ST0000	STEEL
ST8761	STEEL, QQ-S-698, COND CR, TEMPER 2
STC161	STEEL, QQ-S-698, COND CR, TEMPER 3
ST8770	STEEL, QQ-S-698, COND CR, TEMPER 4
ST8772	STEEL, QQ-S-698, COND CR, TEMPER 5
ST8759	STEEL, QQ-S-698, COND CRCQ
STC160	STEEL, QQ-S-698, COND HRPO
WD0000	WOOD

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

No table of contents entries found.

